

JC662 U.S. PTO  
02/28/02

CROWELL & MORING, L.L.P.  
P.O. Box 14300  
Washington, D.C. 20044-4300  
(202) 624-2500

February 28, 2002

23911  
PATENT TRADEMARK OFFICE  
JULY 10 2002  
U.S. PTO  
02/28/02

**Box PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

Re: New U.S. Patent Appln.  
Our Ref: 381NU/50957

Sir:

Transmitted herewith for filing is the patent application of:

**Hiroshi KITAGUCHI et al.**

entitled: **Radioactive Gas Measurement Apparatus And Failed Fuel  
Detection System**

Enclosed are:

1. Specification, including 8 claims (pages 1-18, plus application data page).
2. Preliminary Amendment
3. 6 Sheets of X Formal   Informal drawings showing Figs. 1-9.
4. X Declaration and Power of Attorney (**Executed**).
5. Assignment of the invention to Hitachi, Ltd.
6. Priority is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55 based on Priority Document 2000-046190, filed in Japan on February 23, 2000.
7. X Information Disclosure Statement w/8 references.
8. The filing fee has been calculated as shown below after inclusion of Preliminary Amendment:

Basic Fee								
Total Claims	<u>8</u>	-	20	=	<u>0</u>	x	\$9/18	= \$
Independent Claims	<u>3</u>	-		=	<u>0</u>	x	\$40/84	= \$
Multiple Dependent Claim Presented							\$135/270	= \$
Total Filing Fee								<u>\$740.00</u>

Respectfully submitted,

James F. McKeown  
Registration No. 25,406

Kening Li  
Registration No. 44,872